

[illegible]

Examiner Signature	<i>A. Manton Bli</i>	Date Considered	07/18/2005
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¹ Applicant's unique citation designation number (optional). ² See Kinda Codas of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). ⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. ⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. ⁶ Applicant is to place a check mark here if English language Translation is attached.

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Substitute for form 1449B/PTO		Complete if Known			
INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/708,124		
		Filing Date	February 9, 2004		
		First Named Inventor	Susumu Noda		
		Group Art Unit	2874		
		Examiner Name	(To be assigned)		
Sheet	2	of	2	Attorney Docket Number	39.038

OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS			
Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published	T ²
JMB	01	A. Chutinan and S. Noda, "Waveguides and waveguide bends in two-dimensional photonic crystal slabs," Physical Review B, Vol. 62, No. 7, 2000, pp. 4488-4492.	
JMB	02	Y. Akahane, et al., "Design of a channel drop filter by using a donor-type cavity with high-quality factor in a two-dimensional photonic crystal slab," Applied Physics Letters, Vol. 82, No. 9, pp. 1341-1343.	
JMB	03	Y. Akahane, et al., "Investigation of high-Q channel drop filters using donor-type defects in two-dimensional photonic crystal slabs," Applied Physics Letters, Vol. 83, No. 8, pp. 1512-1514.	
JMB	04	Y. Akahane, et al., "High-Q photonic nanocavity in a two-dimensional photonic crystal," Nature, Vol. 425, October 2003, pp. 944-947.	

Examiner Signature	<i>J Martin Bric</i>	Date Considered	07/18/2005
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

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				Examiner Name	Phan T. H. Palmer
				Attorney Docket Number	39,038
(use as many sheets as necessary)					
Sheet	2	of	9		

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Examiner Signature	<i>J. Martin B. Jr.</i>	Date Considered	07/18/2005
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PTO/SB/08B (10-01)

Approved for use through 10/31/2002. OMB 0651-0031

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Examiner Initials ¹	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T ²
JMB	01	S. Noda, et al., "Trapping and emission of photons by a single defect in a photonic bandgap structure," Nature, Vol. 407, 5 October 2000, pp. 808-810.	
JMB	02	O. Painter, et al., "Two-Dimensional Photonic Band-Gap Defect Mode Laser," SCIENCE, Vol. 284, 11 June 1999, pp. 1819-1821.	
JMB	03	J. Vuckovic, et al., "Design of photonic crystal microcavities for cavity QED," PHYSICAL REVIEW E, Vol. 65, pp. 016608-1 to 016608-11.	
JMB	04	O. Painter, et al., "Defect modes of a two-dimensional photonic crystal in an optically thin dielectric slab," J. Opt. Soc. Am. B, Vol. 16, No. 2, February 1999, pp. 275-285.	

Examiner Signature	<i>J. Martin Blum</i>	Date Considered	08/02/2005
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